Docket No.: 42390P11277

HE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

. TINKU ACHARYA

Application No.: 09/823,390

Filed: March 30, 2001

For: TWO-DIMENSIONAL PYRAMID FILTER

ARCHITECTURE

Art Group: 2811

Examiner: To Be Determined

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

TECHNOLOGY CENTER 2800

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: October 22, 2003

Farzad E. Amini, Reg. No. 42,261

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 (310) 207-3800 I hereby certify that this correspondence is being deposited with Federal Express on the date shown below with sufficient payment in a box addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Margaux Rodriguez

10-22-03

Date

OTP E 10,20 TO DE 10 TO DE 10

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of G

	Complete if Known
Application Number	09/823,390
Filing Date .	March 30, 2001
First Named Inventor	Tinku Acharya
Art Unit	2811
Examiner Name	To Be Determined
Attorney Docket Numb	042390.P11277

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials*	Cite No.'	Document Number Number - Kind Code² (il known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,875,122	02-23-1999	: Acharya	
		US-5,995,210	11-30-1999	Acharya	i
	-	US-6,009,201	12-28-1999	Acharya	
	•••	US- 6,009,206	12-28-1999	Acharya	<u></u>
1.1	•	US-6,047,303	04-04-2000	Acharya	
	•	US-6,091,851	07-18-2000	Acharya	
	••	US-6,094,508	07-25-2000	Acharya, et al.	
: :		US-6,108,453	08-22-2000		
•	- ***	US-6,124,811	09-26-2000	Acharya, et al.	
•		US-6,130,960	10-10-2000	Acharya	
		US-6,151,415	11-21-2000	Acharya, et al.	
		US-6,151,069	11-21-2000	Dunton, et al.	
		US-6,154,493	11-28-2000	Acharya, et al.	-
		US-6,166,664	12-26-2000	Acharya	
	•	US-6,178,269 B1	01-23-2001	Acharya	20133 R ER
		US-6,195,026 B1	02-27-2001	Acharya	27
		US-6,215,916 B1	04-10-2001	Acharya	· · · · · · · · · · · · · · · · · · ·
		US-6,215,908 B1	04-10-2001	Pazmino, et al.	·
				Acharya, et al.	
			05-15-2001		

	FOREIGN PATENT DOCUMENTS							
Examiner Initiats*	Cite No.'	Foreign Patent Document Country Code'- Number' - Kind Code' (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		:			or recetom rigares repeat			
	<u>.</u>							
·		<u></u>						
·	···	· · · · · · · · · · · · · · · · · · ·			<u> </u>			
		<u> </u>						

Examiner	Date	,
Signature	Considered	
	•	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (05-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 05/02/2003.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet Z of Le

	Complete if Known
Application Number	09/823,390
Filing Date	March 30, 2001
First Named Inventor	Tinku Acharya
Art Unit	2811
Examiner Name	To Be Determined
Attorney Docket Num	042390. P11277

			U.S. PATE	NT DOCUMENTS	•
Examiner Initials*	Cite No.'	Document Number Number - Kind Code' (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,236,433 B1	05-27-2001	Acharya, et al.	
		US-6,236,765 B1	05-22-2001	• •	
		US-6,269,181 B1	07-31-2001	Acharya	
ì	٠	US-6,275,206 BT	08-14-2001	Tsai, et al.	
		US-6,285,796 B1		Acharya, et al.	
		US-6,292,114 B1	09-18-2001		
	•	US-6,301,392 B1	10-09-2001	Acharya	
		US-6,348,929 B1	02-19-2002	Acharya, et al.	
	-	US-6,351,535 BI	02-26-2002	Acharya, et al.	
	•	US-6,356,276 B1	03-12-2002	Acharya	
		~US-6,366;694 ⁻ B1	04-02-2002	Acharya	
	-	US-6,366,692 B1	04-02-2002	Acharya	
	•	ÜS-6,373,481 B1	04-16-2002	Tan, et al.	
		US-6,377,280 B1	04-23-2002	Acharya, et al.	•
		US-6,381,357 B1	04-30-2002	Tan, et al.	
	•	US-6,392,699 B1	05-21-2002	Acharya	· · · · · · · · · · · · · · · · · · ·
	***	US-6,449,380 B1	09-10-2002	Acharya, et al.	
	- 	US-6,535,648 B1	03-18-2003	Acharya	
		US-			,
		US-			

Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns	نج: Lines,
No.'	Country Code ³ - Number ⁴ - Kind Code ³ (il known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant I or Relevant Figure	assages :
				<u> </u>	
					حـــحـ
					<u> </u>
	<u></u>			··-	
					
		- · · · · · · · · · · · · · · · · · · ·			
		No.' Country Code's - Number' - Kind Code's (if known)			Country Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code* (If Known) MM-UD-YYYY Applicant of Cited Document or Relevant Figure COUNTRY Code*- Number - Kind Code*- (If Known) MM-UD-YYYY Applicant or Relevant Figure COUNTRY Code*- Number - Kind Code*- (If Known) MM-UD-YYYY Applicant or Relevant Figure COUNTRY Code*- Number - Kind Code*- (If Known) MM-UD-YYYY Applicant or Relevant Figure COUNTRY Code*- Number - Kind Code*- (If Known) MM-UD-YYYY Applicant or Relevant Figure COUNTRY Code*- (If Known) MM-UD-YYYY Applicant Or Relevant Figure COUNTRY Code*- Number - Kind Code*- (If Known) MM-UD

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Date

Considered :

Based on PTO/SB/08A (05-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 05/02/2003.

Examiner

Signature

90	3.
0, 2001	
charya	
etermined	
1277	

Total Number of	Pages in This Submission	on 106	Attorney Docket Number 42390P11277				J	
	ENCLOSURES (check all that apply)							
Fee Transmittal	Form	Drawing(s)			After Allowance Communication to Group			
Fee Attac	thed	Licensing-re	elated Papers	Appeal Communication of Appeals and Interference	on to Boar erences	ď		
Amendment / Re	esponse	Petition			Appeal Communicatio (Appeal Notice, Brief, Rep	on to Grou bly Brief)	p	
After Fina Affidavits	al /declaration(s)	Petition to C Provisional	convert a Application		Proprietary Information	nc		
Extension of Tim	ne Request	Power of All Change of 0	torney, Revocation Correspondence Address		Status Letter			
Express Abando	nment Request	Terminal D	isclaimer		Other Enclosure(s) (please identify below) :		
	closure Statement	Request for Refund			Copies of 94 Cited References; and Return			
Certified Copy of Document(s)		CD, Number of CD(s) Receipt Post						
Response to Mis	ssing Parts/						_	
Incomplete Appli	cation c Filing Fee	Remarks				ECHNOLOGY		
Decla	aration/POA					10T0		
Response Parts und 1.52 or 1.5	e to Missing ler 37 CFR 53					GY CE	99	
	SIGNATURI	OF APPLICAN	IT, ATTORNEY, OR A	GENT		TE	200	
Firm or	Farzad E. Amii	ni, Reg. No. 4	2,261			₹ 2800		
Individual name	BLAKELY, S	OKOLOFF,	TAYLOR & ZAI	MAN	LLP		_	
Signature	Signature Efernes Six							
Date October 22, 2003								
CERTIFICATE OF MAILING/TRANSMISSION							<u> </u>	
Thereby certify that this correspondence is being deposited with Federal express on the date shown below with sufficient payment in a box addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.						ith		
Typed or printed na								
Signature	Signature Date October 22, 2003							

Based on PTO/SB/21 (08-03) as modified by Blakely, Solo off, Taylor & Zafman (w/r) 09/1 (2003. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandra, VA 22313-1450

(P)	Ē J	C130	\ ·
(on	187	ON .	UFFICE
\2,X	•		差

FÉE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

(\$)

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

First Named Inventor Tinku Acharya

27. Examiner Name To Be Determined

Group/Art Unit 28 1 1

Attorney Docket No. 42390p11277

Application Number

Filing Date

Complete if Known

09/823,390

March 30, 2001

10/22/03

Date

METHOD OF PAYMENT (check all that apply)		_		FE	E CALCULATI	ON (continue	ed)		•
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None	3.	ADDITIO	NALI	FEES	5	_			
Deposit Account	Lai	rge Entity	Smal	II Entity	<u>'</u>		٠		
Deposit -	Fe Cod		Fee Code	Fee (\$)	_ En	e Description			Fee Paid
Account Number 02-2666	105	1 130	2051	65	Surcharge - late filing	•			reeranu
Deposit	105	•	2052	25	Surcharge - late provi				
Account Name Blakely, Sokoloff, Taylor & Zafman LLP		- 400		400	cover sheet.	•			
The Commissioner is authorized to: (check all that apply)	205 181		2053 1812	130 2,520	Non-English specificat For filing a request for		ation		
Charge fee(s) indicated below Credit any overpayments	180	4 920 *	1804	920	* Requesting publication	n of SIR prior to			
Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.	400	5 1,840 °	1005	1,840	* Requesting publication	n of SID offer			
Charge fee(s) indicated below, except for the filling fee	180	5 1,040	1805	1,040	Examiner action	II OI SIK AILEI			
to the above-identified deposit account	125	1 110	2251	55	Extension for reply wi	thin first month			
FEE CALCULATION	125	2 420	2252	210	Extension for reply wit				
1. BASIC FILING FEE	125		2253	475	Extension for reply wit				
Large Entity Small Entity Fee Fee Fee Description Fee Paid	125		2254	740	Extension for reply wi		37.		
Code (\$) Code (\$)	125		2255	605	• •	uun monu	ECHNOLOGY		
1001 770 2001 385 Utility filing fee	140		2401 2402	165 165	Notice of Appeal Filing a brief in support	t of an anneal	8		7
1002 340 2002 170 Design filing fee	140 140		2402	145	Request for oral heari		10	130	EC
1003 530 2003 265 Plant filing fee	145		2451	1,510	Petition to institute a p	-	ີ ຊ	√	뉴
1004 770 2004 385 Reissue filing fee	145		2452	55	Petition to revive - una	•	CENTER	9	N.
	145		2453	665	Petition to revive - uni	ntentional	22	200	-11
SUBTOTAL (1) (\$)	150		2501	665	Utility issue fee (or re	ssue)	E.	63	-
2. EXTRA CLAIM FEES Extra Fee from	150	2 480	2502	240	Design issue fee		2		
Claims below Fee Paid	150	3 640	2503	320	Plant issue fee		2800		
Total Claims . 20° = X	146	0 130	2460	130	Petitions to the Comn				
Independent X = X	180	7 50	1807	50	Processing fee under				
Muttiple Dependent	180		1806	180	Submission of Inform		mt		
Large Entity Small Entity Fee Fee Fee Fee Description	802	1 40	8021	40	Recording each pater property (times numb	t assignment per er of properties)			
Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	180	g 770	1809	385	Filing a submission af	er final rejection			
1202 18 2202 9 Claims in excess of 20					(37 CFR § 1.129(a))				
1201 86 2201 43 Independent claims in excess of 3	181	0 770	2810	385	For each additional in examined (37 CFR §	rention to be 1.129(b))			
1203 290 2203 145 Multiple Dependent claim, if not paid	180	1 770	2801	385	Request for Continued	Examination (RCE	:)		
1204 86 2204 43 **Reissue independent claims over original patent	180	2 900	1802	900	Request for expedited				
1205 18 2205 9 **Reissue claims in excess of 20 and over	Other	r fee (specify)	l		of a design application				
original patent				_					
SUBTOTAL (2) (\$)	• Redu	ced by Basic	Filing Fe	e Paid	:	SUBTOTAL (3)	(\$))	 1
**or number previously paid, if greater, For Reissues, see below									
SUBMITTED BY		Posistati-	m A!=			Comp	lete (if a	pplicat	ole)
Name (Print/Type) Farzad E. Amini		Registratio (Attorney/Age		'	42,261	Telephone	(310) 207	′-3800

Signature

OT 28 2003

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 3 of U

	Complete if Known					
Application Number	09/823,390					
Filing Date	March 30, 2001					
First Named Inventor	Tinku Acharya					
Art Unit	2811					
Examiner Name	To Be Determined					
Attorney Docket Number 042390 . P11277						

Baw Date Pazm SIGN No P Tan.e IMAC 35. Acha	rya, "A MEMORY BASED VLSI ARCHITECTRE FOR IMAGE COMPRESSION" Ilication No. 08/885,415, Filing Date 6/03/97, Atty Docket No. 042390.P4425, No. Pgs. 37. FOLEK, et al., "INFARED CORRECTION SYSTEM", Application No. 09/126,203, Filing 27/30/98, Atty Docket No. 042390.P6172, No Pgs 23. Inno, et al., "METHOD OF COMPRESSING AND/OR DECOMPRESSING A DATA SET USING INFICANCE MAPPING", Application No. 09/151,336, Filing Date 9/11/98, Atty Docket No. 042390.P6391, gs. 25. In al., "REDUCTION OF RINGING ARTIFACTS AFTER DECOMPRESSION OD A DWT-BASED PRESSED IMAGE", Application No. 09/165,511, Filing Date 10/2/98, Atty Docket No. 042390.P6220, 128, 20. IT al., "ROBUST SEQUENTIAL APPROACHIN DETECTING DEFECTIVE PIXELS WITHIN AN GE SENSOR", Application No. 09/191,310, Filing Date 10/13/98, Atty Docket No. 042390.P6575, No. Pgs. 1792, et al., "COLOR INTERPOLATION FOR A FOUR COLOR MOSAIC PATTERN", Application No.	
Baw Date Pazm SIGN No P Tan.e COM No. P Tan.e IMAG 35.	T/30/98, Atty Docket No. 042390.P6172, No Pgs 23. Inno, et al., "METHOD OF COMPRESSING AND/OR DECOMPRESSING A DATA SET USING INFICANCE MAPPING", Application No. 09/151,336, Filing Date 9/11/98, Atty Docket No. 042390.P6391, gs. 25. In al., "REDUCTION OF RINGING ARTIFACTS AFTER DECOMPRESSION OD A DWT-BASED PRESSED IMAGE", Application No. 09/165,511, Filing Date 10/2/98, Atty Docket No. 042390.P6220, gs. 20. It al., "ROBUST SEQUENTIAL APPROACHIN DETECTING DEFECTIVE PIXELS WITHIN AN GE SENSOR", Application No. 09/191,310, Filing Date 10/13/98, Atty Docket No. 042390.P6575, No. Pgs.	
Pazm SIGN No P Tan.e COM No. P Tan.e 35.	ino,et al., "METHOD OF COMPRESSING AND/OR DECOMPRESSING A DATA SET USING HIFLCANCE MAPPING", Application No. 09/151,336, Filing Date 9/11/98, Atty Docket No. 042390.P6391, gs. 25. It al., "REDUCTION OF RINGING ARTIFACTS AFTER DECOMPRESSION OD A DWT-BASED PRESSED IMAGE", Application No. 09/165,511, Filing Date 10/2/98, Atty Docket No. 042390.P6220, logs. 20. It al., "ROBUST SEQUENTIAL APPROACHIN DETECTING DEFECTIVE PIXELS WITHIN AN GE SENSOR", Application No. 09/191,310, Filing Date 10/13/98, Atty Docket No. 042390.P6575, No. Pgs.	
Tan,e COM No. P Tan.e IMA(35.	Tai., "REDUCTION OF RINGING ARTIFACTS AFTER DECOMPRESSION OD A DWT-BASED PRESSED IMAGE", Application No. 09/165,511, Filing Date 10/2/98, Atty Docket No. 042390.P6220, 128. 20. Tai., "ROBUST SEQUENTIAL APPROACHIN DETECTING DEFECTIVE PIXELS WITHIN AN GE SENSOR", Application No. 09/191,310, Filing Date 10/13/98, Atty Docket No. 042390.P6575, No. Pgs.	·
Tan.e IMA(35. Acha	Tal., "ROBUST SEQUENTIAL APPROACHIN DETECTING DEFECTIVE PIXELS WITHIN AN GE SENSOR", Application No. 09/191,310, Filing Date 10/13/98, Atty Docket No. 042390.P6575, No. Pgs.	,. -
Acha	rva.et al., "COLOR INTERPOLATION FOR A FOUR COLOR MOSAIC PATTERN", Application No.	
09/19	17,836, Filing Date 11/24/98, Atty Docket No. 042390.P6376, No. Pgs. 26.	:.
"Acha PROG	rya. "ENHANCING IMAGE COMPRESSION PERFORMANCE BY MORPHOLOGICAL" CESSING", Application No. 09/297,810, Filing Date 4/14/99, Atty Docket No. 042390.P6878, No Pgs. 30.	
Tan,e 09/30	ital., "USING AN ELECTRONIC CAMERA TO BUILD A FILE CONTAINING TEXT", Application No. 101,753, Filing Date 4/29/99, Atty Docket No. 042390.P5742, No. Pgs. 21.	<u>-</u> ! !
Tsai, 09/32	et.al., "METHOD AND APPARATUS FOR ADAPTIVELY SHARPENING AN IMAGE", Application No. 10.192, Filing Date 5/26/99, Atty Docket No. 042390.P6452, No. Pgs. 29.	
Tan,e OF A	et al., "METHOD AND APPARATUS FOR ADAPTIVELY SHARPENING LOCAL IMAGE CONTENT". N IMAGE", Application No. 09/328,935, Filing Date 6/9/99, Atty Docket No. 042390.P7125, No Pgs. 29.	
Tan, Appli	etal., "A HARDWARE EFFICIENT WAVELET-BASED VIDEO COMPRESSION SCHEME", ication No. 042390.P6529, Filing Date 6/29/99, Atty Docket No. 042390.P6529, No Pgs. 32.	:
Ach 09/6	arya, et al., "MODEL-BASED VIDEO IMAGE CODING", Application No. 08,991, Filing Date 6/30/00, Atty Docket No. 042390.P8764, No. Pgs 36.	- ;
Ach	arya, et al., "IMAGE PROCESSING METHOD AND APPARATUS", Application No. 59,523, Filifing Date 7/23/99, Atty Docket No. 042390.P7323, No. Pgs 16.	· ·
Tanle	10/359.831, Filing Date 7/23/99, Atty Docket No. 042390.P7320, No. Pgs. 29.	<u>-i</u>
		<u> </u>

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and include copy of this form with next communication.

'Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/P/TO

INFORMATION DISCLOSURE

Application Number 09/823,390 30, 2001 Filing Date March STATEMENT BY APPLICANT First Named Inventor Tinku Art Unit 2811 Examiner Name To Be Determined Attorney Docket Number 042390.P11277 of 6 Sheet

Complete if Known

Sheet			<u> </u>	7		042390.	112//		
			OTHER ART	NON PA	TENT LITERATURE	DOCUMENTS			
Examiner Initials*	Cite No.'	Include na magazine,	ame of the author (in C , journal, serial, sympo:	sium, catalog,	TERS), title of the article (, etc.), date, page(s), volu- puntry where published.	when appropriate), ti me-issue number(s),	tle of the item (publisher, city	book, and/or	T
		Acharya, "	"DISCRETE FILT o. 042390.P7626,	TER", App No Pgs. 2	plication No. 09/432	2,337, Filing Da	te 9/2/99, A	tty	•
		A charva e	eral "ZEROTRE	E ENCOI	DING OF WAVEL Docket No. 042390	ET DATA", Ap .P7057, No. Pgs	plication No s. 25.).).	
		' A abamia 'et s	41" "X"FÜZZV BÄSE	THRESH	OLDING TECHNIQUE /99, Atly Docket No. 04	FOR IMAGE SEG	MENTATION	J",	
٠.		SEGMENTA	il., "A FUZZY DISTII ATION", Application	NCTION BA No. 09/393,	ASED THRESHOLDING 017, Filing Date 9/10/99	GTECHNIQUE FO O, Ally Dockel No. (R IMAGE 042390.P7115	, No Pgs	
	<i>:</i>	9/27/99, A	Atty Docket No. 0	42390.P7	TTON", Applicatio 330, No Pgs. 24.	•			
		09/411,69	7, Filing Date 10	/1/99, Att	PRESSING A COL y Docket No. 04239	90.P7463, No P	gs. 20.		
	-		C WASTINGS COTTE	TEDD751 73	TING COLOR PIXELS 0, Filing Date 10/1/99, A	IGNALS FROM A	SUBSAMPLE	D Pgs. 20).
		TELECOMI 042390.P76	MUNICATIONS", AI 129, No.Pgs. 26. 'AI''' INDEXING WA	pplication N	OSINE SYMMETRIC o. 09/429,058, Filing D MPRESSED VIDEO FO 0/99, Atty Docket No. 0	OR EFFICIENT DA	TA HANDEL	.ING",	· · · · · · · · · · · · · · · · · · ·
	,	Filing Dat	te 11/18/99, Atty	Docket N	ARCHITECTURE 0 042390.P8050, N	10 Pgs. 15.			
		Filing Dat	te 12/14/99, Atty	Docket N	NG A COLOR IMA Io 042390.P7489, N	No Pgs. 22.			
		Filing Date	12/14/99, Atty Dock	et No. 04239				•	
·		TELECOM 042390.P80 Miao, et al.,	IMUNICATIONS", A	.pplication N	SQUARE ROOT RAIS No. 09/467,487, Filing D NOBILE TELECOMMU 10.P8027, No Pgs 49.	Jale 12/20/77, 71119	72	09/467.6	REC
							- <u>- ~</u>	9	
Examine Signatur					Date Considere	ed.	ILN	200	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 09/823,390
Filing Date March 30, 2001
First Named Inventor Tinku Acharya
Art Unit 2811
Examiner Name To Be Determined
Attorney Docket Number 042390.P11277

Sheet 5 of (a

Acharya, et al., "METHOD OF INTERGRATING A WATERMARKINTO ANIMAGE" Application No. 09/519,874, Filing Date 3/6/00, Atty Docket No 042390.P7136. No Pgs 27. Acharya, et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867, Filing Date 6/12/00, Atty Docket No. 042390.P8746, No Pgs 23. Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29. Dunitionet al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595,055, Filing Date 6/16/00, Atty Docket No. 042390.P8760, No Pgs 30. Acharya, et al, "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al, "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. Acharya, et al, "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00. Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO DIMENSIONAL COMPRESSION", Application No. 09/604,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/606,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 App. Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 App. Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24.		_	OTHER ART - NON PATENT LITERATURE DOCUMENTS]
No.09/494,087, Filing Date I/28/00, Atty Docket No. 042390.P5090D, No Pgs 35. Acharya, et al., "A METHOD OF INVERSE QUANTIZING SIGNALS SAMPLES OF AN IMAGE DURING IMAGE DECOMPRESSION", Application No. 09/507,213, Filing Date 2/18/00, No Pgs. 32. Acharya, et al., "A METHOD OF QUANTIZING SIGNAL SAMPLES OF AN IMAGE DURING IMAGE COMPRESSION", Application No. 09/507,399, Filing Date 2/18/00, Atty Docket No. 042390.P7135, No. Pgs 24. Acharya, et al., "METHOD OF INTERGRATING A WATERMARKINTO ANIMAGE" Application No. 09/519,874, Filing Date 3/18/00, Atty Docket No. 042390.P7136, No Pgs 27. Acharya, et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867, Filing Date 6/12/00, Atty Docket No. 042390.P8746, No Pgs 23. Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29. Dunion.et al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595,055, Filing Date 6/16/00, Atty Docket No. 042390.P8740, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,889, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs 25. Acharya, "ETCHNIQUES TO IMPLEMENT TWO DIMENSIONAL COMPRESSION", Application No. 09/607,724, Filing Date 6/30/00, Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO DIMENSIONAL COMPRESSION", Application No. 09/604,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, \$29, Filin Date 9/29/00, Atty Docket No. 042390.P9821, No Pgs 24. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, \$29, Filin Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24.			magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or	Т³	
Acharya, et al., "A METHOD OF INVERSE QUANTIZING SIGNALS SAMPLES OF AN IMAGE DURING IMAGE DECOMPRESSION", Application No. 09/507,213, Filing Date 2/18/00, No Pgs. 32. Acharya, et al., "A METHOD OF QUANTIZING SIGNAL SAMPLES OF AN IMAGE DURING IMAGE COMPRESSION", Application No 09/507,399, Filing Date 2/18/00, Atty Docket No. 042390,P7135, No. Pgs 24. Acharya, et al., "METHOD OF INTERGRATING A WATERMARK INTO AN IMAGE" Application No. 09/519,874, Filing Date 3/6/00, Atty Docket No 042390,P7136, No Pgs 27. Acharya, et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867, Filing Date 6/12/00, Atty Docket No. 042390,P8746, No Pgs 23. Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390,P8747, No Pgs 29. Dinition.et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/595,055, Filing Date 6/16/00, Atty Docket No. 042390,P8747, No Pgs 29. Dinition.et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/16/00, Atty Docket No. 042390,P8760, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390,P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00, Atty Docket No. 042390,P8762, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO DIMENSIONAL COMPRESSION", Application No. 09/604,131, Filing Date 9/18/00, Atty Docket No. 042390,P9922, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT ONE DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No. 042390,P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/667, 229, Filing Date 9/29/00, Atty Docket No. 042390,P9823, No Pgs 24. Acharya, "AD COMPUTATION ARCHITECEURE", Application No. 09/667, 229, Filing Date 9/29/00, Atty Docket No. 042390,P9823, No Pgs 24. Acharya, "SAD COMPUTATION		,,,	Acharya, "A BLOCK-MATCHING ALGORITHM FOR COLOR INTERPOLATION", Application		1.
IMAGE DECOMPRESSION", Application No. 09/507,213, Filing Date 2/18/00, No Pgs. 32. Acharys, et al., "A METHOD OF QUANTIZING SIGNAE SAMPLES OF AN IMAGE DURING IMAGE COMPRESSION", Application No. 09/507,399, Filing Date 2/18/00, Atty Docket No. 042390.P7135, No. Pgs 24. Acharys, et al., "METHOD OF INTERGRATING A WATERMARK INTO AN IMAGE" Application No. 09/519,874, Filing Date 3/6/00, Atty Docket No. 042390.P7136, No Pgs 27. Acharys, et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867, Filing Date 6/12/00, Atty Docket No. 042390.P8746, No Pgs 23. Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29. Dunton, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/595,055, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 0/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, 829, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, 829, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. "Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, 829, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. "Acharya, "The Hold of the policy of the process	4.1		· •		
COMPRESSION". Application No 09/507,399, Filing Date 2/18/00, Atty Docket No. 042390.P7135, No. Pgs 24. Acharya. et al., "METHOD OF INTERGRATING A WATERMARKINTO ANIMAGE" Application No. 09/519,874, Filing Date 3/6/00, Atty Docket No 042390.P7136, No Pgs 27. Acharya. et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867, Filing Date 6/12/00, Atty Docket No. 042390.P8746, No Pgs 23. Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29. Dunition.et al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595,055, Filing Date 6/16/00, Atty Docket No. 042390.P8079C, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. Acharya, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00, Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO DIMENSIONAL COMPRESSION", Application No. 09/604,486, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/606,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 Applicati		-	Achiarya, et al., "A METHOD OF INVERSE QUANTIZING SIGNALS SAMPLES OF AN IMAGE DURING IMAGE DECOMPRESSION", Application No. 09/507,213, Filing Date 2/18/00, No Pgs. 32.		
Application No. 09/519,874, Filing Date 3/6/00, Atty Docket No 042390.P7136. No Pgs 27. Acharya, et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867, Filing Date 6/12/00, Atty Docket No. 042390.P8746, No Pgs 23. Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29. Dunton.et al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595,055, Filing Date 6/16/00, Atty Dovket No 042390.P5079C, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. Acharya, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00. Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO DIMENSIONAL COMPRESSION", Application No. 09/604,131, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, 29, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, 29, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, 29, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24.	· · · · ·		Acharya, et al., "A METHOD OF QUANTIZING SIGNAL SAMPLES OF AN IMAGE DURING IMAGE COMPRESSION", Application No. 09/507,399, Filing Date 2/18/00, Atty Docket No. 042390.P7135, No. Pgs 24.	****	
Mim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29. Dunton.et al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595.055, Filing Date 6/16/00, Atty Dovket No 042390.P5079C, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. Acharya, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00. Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "TECHNIQUES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 299, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24.			Acharya, et al, "METHOD OF INTERGRATING A WATERMARK INTO AN IMAGE" Application No. 09/519,874, Filing Date 3/6/00, Atty Docket No 042390.P7136, No Pgs 27.	- ;	1
O9/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29. Dunitionet al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595,055, Filing Date 6/16/00, Atty Docket No 042390.P5079C, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. ACHARYA, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00. Atty Docket No. 042390.P8763, No Pgs 24. ACHARYA, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 1879, Filin Date 9/29/00, Atty Docket No 042390.P9823, No Pgs 24. Acharya, "AMETHOD OF GENERATING HUFFMAN CODE LENGTH INFORMATION CAPPIleanor			Acharya, et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867. Filing Date 6/12/00, Atty Docket No. 042390.P8746, No Pgs 23.		
Dumton.et al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595.055, Filing Date 6/16/00, Atty Dovket No 042390.P5079C, No Pgs 30. Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. Acharya, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00, Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 829, Filin Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 829, Filin Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24.			Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29.		
O9/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23. Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. Acharya, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00, Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 \$29, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, et al., "A METHOD OF GENERATING HUFFMAN CODE LENGTH INFORMATION" Application Tolor application of the charge of the		,	Duntonet al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No.		
Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25. Acharya, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00. Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUIES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 829, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, et al., "A METHOD OF GENERATING HUFFMAN CODE LENGTH INFORMATION" Application To. 04 pplication of the charge of the char			Acharya, et al, "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597.354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23.		1
Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/607,724, Filing Date 6/30/00, Atty Docket No. 042390.P8763, No Pgs 24. Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUIES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No. 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677, 829, Filing Date 9/29/00, Atty Docket No. 042390.P9823, No Pgs 24. Acharya, et al., "A METHOD OF GENERATING HUFFMAN CODE LENGTH INFORMATION", Application of the charge of the control of the cont			Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762,		
09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24. Acharya, "TECHNIQUIES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 \$29, Filing Date 9/29/00, Atty Docket No 042390.P9823, No Pgs 24.			ACTION ALT WETHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF		
09/666,486, Filing Date 9/18/00, Atty Docket No 042390.P9921, No Pgs 18. Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 教9, Filing Date 9/29/00, Atty Docket No 042390.P9823, No Pgs 24.			Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24.	: :	1
Date 9/29/00, Atty Docket No 042390.P9823, No Pgs 24.		٠.	Acharya, "TECHNIQUIES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No 042390.P9921, No Pgs 18.		
Acharya et al. "A METHOD OF GENERATING HUFFMAN CODE LENGTH INFORMATION" Application	.	***	Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677 329, Filing Date 9/29/00, Atty Docket No 042390.P9823, No Pgs 24.	}	
No. 09/7.04,392, Filing Date 10/31/00, Atty Docket No. 042390.P9804, No Pgs 25.		•	Acharva, et al., "A METHOD OF GENERATING HUFFMAN CODE LENGTH INFORMATION" Application	REC	

Evaminer	Date	1.1		4
Examiner		75	2	
Signature	:Considered		$\overline{}$	
Signature			<u></u>	
			. دن	. —

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.

nn8

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 09/823,390

Filing Date March 30, 2001

First Named Inventor Tinku Acharya

Art Unit 2811

Examiner Name To Be Determined

Attorney Docket Number 042390. P11277

Sheet (of (

		OTHER ART - NON PATENT LITERATURE DOCUMENTS	•
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	יד
	, , , , , , , , , , , , , , , , , , , 	Acharya, et al., "A METHOD OF PERFORMING HUFFMAN DECODING", Application No. 09/704,380, Filing Date 10/31/00, Atty Docket No. 042390.P9820, No Pgs 26.	
		Acharya. "METHOD AND APPARATUS FOR TWO-DIMENSIONAL SEPARABLE SYMMETRIC FILTERING", Application No. 09/713,663, Filing Date 11/15/00, Atty Docket No 042390.10409, No Pgs 20.	
		"Acharya", "METHOD AND APPARATUS FOR MULTIPLY-ACCUMULATE TWO-DIMENSIONAL SEJPARABLE SYMMETRIC FILTERING", Application No 09/718,877, Filing Date 11/20/00, Atty Docket No. 042390.P10545, No Pgs 13.	
		Acharya, et al., "DEVELOPING AN EULER VECTOR FOR IMAGES", Application No. 09/722,979, Filing Date 11/27/00, Atty Docket No 042390.P10405, No Pgs 45.	
	•	Acharya, et al., "COMPUTING THE EULER NUMBER OF A BINARY IMAGE" Application No 09/722,982, Filing Date 11/27/00, Atty Docket No 042390.P10273, No Pgs 31.	-,
	•	Acharya, et al, "WAVELT CODING OF VIDEO", Application No. 09/722,988, Filing Date 11/27/00, Atty Docket No 042390.P9822, No Pgs 40.	
•		Action of the Common of Wavelet Transformed Error Data, Application No. 09/723,123, Filing Date 11/27/00, Atty Docket No. 09/723,123, No Pgs 38.	. · · · -
		Acharya, et al., "IMAGING DEVICE CONNECTED TO PROCESSOR-BASED SYSTEM USING HIGH-BANDWIDTH BUS", Application No 09/726,773, Filing Date 11/29/00, Atty Docket No 042390.P10274, No Pgs 31.	
	•	Acharya, et al., "A METHOD FOR BLOCK-BASED DIGITAL IMAGE WATERMAKING", Application No 09/727,288, Filing Date 11/29/00, Atty Docket No 042390.P10266, No Pgs 11.	,
		Acharya, et al., "COLOR FILTER ARRAY AND COLOR INTERPOLATION ALGORITHM", Application No. 09/727.038, Filing Date 11/30/00, Atty Docket No. 042390.P10263, No. Pages 36.	
		Acharya, et al., "METHOD OF GENERATING A LENGTH-CONTRAINED HUFFMAN CODE", Application No. 09/705,314, Filing Date 11/30/00, Atty Docket No 042390.P10245, No Pgs 17.	
		Kim, et al., "METHOD OF PERFORMING VIDEO ENCODING RATE CONTROL", Application No 09/754,227, Filing Date 1/3/01, Atty Docket No 042390.P10264, No Pgs 28.	
		Kim.etal, "METHOD OF PERFORMING VIDEO ENCODING RATE CONTROL USING MOTION ESTIMATION", Application No. 09/754,683, Filing Date 1/3/01, Atty Docket No. 042390.P10265, No. Pgs. 273	200
		Kim.et al., 'METHOD OF PERFORMING VIDEO ENCODING RATE CONTROL USING BIT BUDGET", Application No 09/754,682, Filing Date 1/3/01, Atty Docket No 042390.P10587, No Pgs 25.	(CHI)
			11
xaminer		Date 🖫 🗒	L
Signature		Considered $\stackrel{\sim}{\sim}$	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance an Enot considered. Include copy of this form with next communication.

'Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.